If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.2.d 2 O'Clock (PEER 11) Sweep Tests

C-A-OPM Procedures in which this Attachment is used.			
4.120.2			

Hand Processed Changes

HPC No.	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>	
				
	Approved:	<u>Signature on I</u>	File	
		llider-Accelerator Departr		Date

V. Castillo

4.120.2.d 2 O'Clock (PEER 11) Sweep Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:		
Division B Software Filename and Checksum: Title:	Checksum:		
Initial testing complete:			
Test Team Leader's Name (Print):	Life Number:		
Total Toron London Norma (Claus)	Data		
Test Team Leader's Name (Sign):	Date://		
Acceptance test procedure complete (following repairs and retesting if re	quired):		
Test Team Leader's Name (Print):	Life Number:		
rest ream Deader 5 Name (17me).	Ene i (umber:		
Test Team Leader's Name (Sign):	Date://		
Test results reviewed by:			
Safety Section Head's Name (Print):	Life Number:		
Safety Section Head's Name (Sign):	Date://		
Test results accepted by Radiation Safety Committee:			
RSC Member's Name (Print):	I ifa Numbari		
NSC Member 8 Name (11mt).	Life Number		
RSC Member's Name (Sign):	Date:/		

1.1		To Sweep	Zone 1Z1	
		CLOSE	Gates 1GS1-I/O, 1EL1, and 1GI1	
		VERIFY	Gates 1GS1-I/O, 1EL1, and 1GI1 are	CLOSED
		RESET	Gate 1EL1	
		VERIFY	Gate 1EL1	RESET
	_	PLACE	Peer 11 in Mode 16	MODE 16
		VERIFY VERIFY	Peer 11 is in Controlled Access MCR sees Zone 1Z1	MODE 16 NOT SWEPT
		ACTIVATE	Check station 1CS1	NOTSWEFT
		VERIFY	Check station 1CS1 indicator (Area Secured)	BLINKS
	Ц	V EKH 1	Check station Test indicator (Titea securea)	ONCE
		ACTIVATE	Check station 1CS2	
		VERIFY	Check station 1CS2 indicator (Area Secured)	BLINKS ONCE
		ACTIVATE	Check station 1CS3	
		VERIFY	Check station 1CS3 indicator (Area Secured)	BLINKS ONCE
		ACTIVATE	Check station 1CS4	
		VERIFY	Check station 1CS4 indicator (Area Secured)	BLINKS ONCE
		EXIT	Gate 1GI1 with Simultaneous Release	
		VERIFY	MCR sees Zone 1Z1	SWEPT
1.2		To Sweep	Zone 2Z1	
		CLOSE	Gates 1GI1-I, 2GE1, 2GI1-I&O, 2MD1 and 2MD2	
		VERIFY	Gates 1GI1-I, 2GE1, 2GI1-I&O, 2MD1 and 2MD2 are	CLOSED
	_	RESET	Gate 2MD1 and 2MD2	
		VERIFY	Gate 2MD1 and 2MD2 are	RESET
		PLACE	Peer 11 in Mode 16	
		VERIFY	Peer 11 is in Controlled Access	MODE 16
		VERIFY	MCR sees Zone 2Z1	NOT SWEPT
	П	ACTIVATE	Check station 2XCS3 Check station 2XCS3 indicator (Area Secured)	DI INIZC
		VERIFY	Check station 2XCS3 indicator (Area Secured)	BLINKS ONCE
	П	ACTIVATE VERIFY	Check station 2XCS1 Check station 2XCS1 indicator (Area Secured)	BLINKS
			· · · · · · · · · · · · · · · · · · ·	ONCE
	_	ACTIVATE	Check station 2XCS2	DI INIZO
		VERIFY	Check station 2XCS2 indicator (Area Secured)	BLINKS ONCE
		EXIT	Gate 2GE2 with Simultaneous Release	
		VERIFY	MCR sees Zone 2Z1	SWEPT

3

1.3	To Sweep	Zone 2Z2	
	CLOSE	Gates 2GI1-I&O, 2GE2, 2MD3, 2EL1, 2ED1 and 3GI1-I&O	
ĺ] VERIFY	Gates 2GI1-I&O, 2GE2, 2MD3, 2EL1, 2ED1 and 3GI1-I&O are	CLOSED
	RESET	Gate 2EL1, 2MD3 and 2ED1	
[] VERIFY	Gates 2EL1, 2MD3 and 2ED1 are	RESET
	PLACE	Peer 11 in Mode 16	
[] VERIFY	Peer 11 is in Controlled Access	MODE 16
[VERIFY	MCR sees Zone 2Z2	NOT SWEPT
	ACTIVATE	Check station 2CS6	DI INIZO
l] VERIFY	Check station 2CS6 indicator (Area Secured)	BLINKS ONCE
	ACTIVATE	Check station 2CS5	
ĺ] VERIFY	Check station 2CS5 indicator (Area Secured)	BLINKS ONCE
	ACTIVATE	Check station 2CS3	DI DIVIG
] VERIFY	Check station 2CS3 indicator (Area Secured)	BLINKS ONCE
	ACTIVATE	Check station 2CS4	
[] VERIFY	Check station 2CS4 indicator (Area Secured)	BLINKS ONCE
	ACTIVATE	Check station 2CS1	
[] VERIFY	Check station 2CS1 indicator (Area Secured)	BLINKS ONCE
	ACTIVATE	Check station 2CS2	
[] VERIFY	Check station 2CS2 indicator (Area Secured)	BLINKS ONCE
	EXIT	Gate 2GE2 with Simultaneous Release	
[] VERIFY	MCR sees Zone 2Z2	SWEPT
		END OF TEST PROCEDURE	
TTL: S	Sign for completi	ion of initial testing:	
Date: _	//		
TTL: S	Sign for completi	ion of final testing:	
	Date:/		